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1 [Composing simulations from XML-specified model components](#)

Mathias Röhl, Adelinde M. Uhrmacher

 December 2006 **WSC '06**: Proceedings of the 38th conference on Winter simulation

Publisher: Winter Simulation Conference

 Full text available: [Pdf](#) (176.44 KB)

 Additional Information: [full citation](#), [abstract](#)
Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 35, Downloads (All Time): 100

This paper is about the flexible composition of efficient simulation mode framework that can be added as an additional layer on top of simulation specifications ...

2 [Composing simulation models using interface definitions based on web services](#)

Mathias Röhl, Stefan Morgenstern

 December 2007 **WSC '07**: Proceedings of the 39th conference on Winter simulation

Publisher: IEEE Press

 Full text available: [Pdf](#) (185.47 KB)

 Additional Information: [full citation](#), [abstract](#)
Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 65, Downloads (All Time): 150

Using models in different contexts poses major integration challenges, requiring the independent development of each other developed model components cannot be even if based on the ...

3 [MDA-based approach for embedded software generation from a UML model](#)

Francisco A. M. de Nascimento, Marcio F. da S. Oliveira, Marco A. Wehrmeister

 August 2006 **SBCCI '06**: Proceedings of the 19th annual symposium on Information Systems

Publisher: ACM

 Full text available: [Pdf](#) (341.15 KB)

 Additional Information: [full citation](#), [abstract](#)
Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 90, Downloads (All Time): 200

This work presents a UML/MOF meta-modeling infrastructure, following design space exploration of embedded systems, based on the independent development of each other developed model components cannot be even if based on the ...

Keywords: MDA, UML, design space exploration, embedded systems design

4 [An automatic transformation from COSA software architecture to CC](#)

Adel Alti, Mahieddine Djoudi, Adel Smeda

June 2008

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Publisher: ACM

Full text available:  Pdf (795.39 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 64, Download

Recently, middleware as an abstraction layer is completely integrated in heterogeneity and guaranteeing the transparency communication of dis architecture and implementation ...

Keywords: CORBA, COSA, MDA, UML profile, architectures description transformation rules

5 Transformation techniques in the model-driven development process



[Nora Koch](#)

July 2006

ICWE '06: Workshop proceedings of the sixth international c

Publisher: ACM

Full text available:  Pdf (378.74 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 174, Downl

Development of Web software is still an inefficient and error-prone proc support for automated generation of Web systems. The goal of model-d problems introducing a ...

Keywords: MDA, UML, UWE, Web Engineering, metamodel, model tran modeling language, transformation language

6 Bridging existing Web modeling languages to model-driven engineer



[Andrea Schauerhuber](#), [Manuel Wimmer](#), [Elisabeth Kapsammer](#)

July 2006

ICWE '06: Workshop proceedings of the sixth international c

Publisher: ACM

Full text available:  Pdf (210.02 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 134, Downl

Metamodels are a prerequisite for model-driven engineering (MDE) in g engineering in particular. Various modeling languages, just as in the we metamodels and standards ...

Keywords: DTD, metamodel, model driven web engineering, web mod

7 Toward an UML-based composition of grid services workflows



[Yousra BenDaly Hlaoui](#), [Leila Jemni BenAyed](#)

July 2008

AUPC '08: Proceedings of the 2nd international workshop on challenges for ubiquitous and pervasive computing

Publisher: ACM

Full text available:  Pdf (179.55 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 119, Downl

Semi automatic and semantic composition of workflows from Web and C

today's distributed applications. This paper focuses on how to model an services without considering lower ...


Keywords: grid services, mda approach, uml activity diagram, workflow

8 [Development of semantic web services: model driven approach](#)

 [Djamel Amar Bensaber, Mimoun Malki](#)

June 2008 **NOTERE '08:** Proceedings of the 8th international conference

Publisher: ACM

Full text available:  [Pdf](#) (586.35 KB)


Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 55, Downloads (12 Months): 302, Downl

The power of Web Service (WS) technology lies in the fact that it establ integrating distributed computing applications, in intranets as well as th (SWSs) promise to ...

Keywords: MDA, OWL-S, UML, WSDL, reverse engineering, semantic w

9 [MDA refinements along middleware-specific concern-dimensions](#)

 [Raul Silaghi](#)

October 2004 **DSM '04:** Proceedings of the 1st international doctoral sympo

Publisher: ACM

Full text available:  [Pdf](#) (120.95 KB)


Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 64, Downloa

Over the last decades, middleware has become an integral part in the d Nevertheless, currently existing software engineering methods continue requirements, ignoring more ...

Keywords: AOP, AspectJ, MDA, UML profiles, eclipse plug-ins, enterpris transformations, parallax

10 [MDSD light for ERP](#)

 [Stephan Roser, Florian Lautenbacher, Bernhard Bauer](#)

March 2008 **SAC '08:** Proceedings of the 2008 ACM symposium on Applie

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Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 16, Downloads (12 Months): 127, Downl

Fully-fledged model-driven software development is often too expensive (SMEs). Therefore we propose MDSD light which reduces the available a of workflow and process ...

Keywords: ERP, MDSD, SME, model-driven, process, service-oriented

11 [Software Deployment, Past, Present and Future](#)

[Alan Dearle](#)

May 2007 **FOSE '07: 2007 Future of Software Engineering**

Publisher: IEEE Computer Society

Full text available:  Pdf (390.24 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 36, Downloads (12 Months): 321, Downl

This paper examines the dimensions influencing the past and present ar deployment. Software deployment is a postproduction activity that is pe software. Today's software ...

12 [Survey of existing languages to model interactive web applications](#)

Jevon Wright, Jens Dietrich

January 2008 **APCCM '08: Proceedings of the fifth on Asia-Pacific con**
79 , Volume 79

Publisher: Australian Computer Society, Inc.

Full text available:  Pdf (632.59 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 50, Downloads (12 Months): 413, Downl

Over the last few years, the web is establishing increased importance in and the semantic web, facilitated and driven by the popularity of client-allow extended ...


Keywords: AJAX, RIAs, events, interactivity, models, web engineering

13 [Definition and analysis of composition structures for discrete-event n](#)

Mathias Röhl, Adelinde M. Uhrmacher

December 2008 **WSC '08: Proceedings of the 40th Conference on Winter Si**

Publisher: Winter Simulation Conference

Full text available:  Pdf (438.32 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 24, Downloa

The re-use of a model by someone else than the original developer is st composition structures and interface descriptions for discrete-event mo units of description ...

14 [Model-driven Development of Complex Software: A Research Roadr](#)

Robert France, Bernhard Rumpe

May 2007 **FOSE '07: 2007 Future of Software Engineering**

Publisher: IEEE Computer Society


Full text available:  Pdf (316.21 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 82, Downloads (12 Months): 760, Downl

The term Model-Driven Engineering (MDE) is typically used to describe : abstract models of software systems are created and systematically tra paper we give an overview ...

15 [Modeling semantic web services: a case study](#)


 César J. Acuña, Esperanza Marcos

July 2006 **ICWE '06: Proceedings of the 6th international conference or**

Publisher: ACM

Full text available:

Additional Information:

 Pdf (469.96 KB)


[full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 35, Downloads (12 Months): 317, Downl

Nowadays, there is an enormous amount of study about the semantic W technology: semantic Web services. However, to be widely adopted by i applications, semantic Web services development ...

Keywords: model driven architecture, profiles, semantic web services,


16 [Specifications, not meta-models](#)

 [James Skene, Wolfgang Emmerich](#)

May 2006

GaMMa '06: Proceedings of the 2006 international workshop

Publisher: ACM

Full text available:  Pdf (136.48 KB)


Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 80, Downloa

In a model-driven development, software engineers will have to manage languages. Current meta-modelling and concrete syntax standards fail to and the languages in which ...

Keywords: MDA, MOF, OCL, UML, meta-modelling


17 [Model-driven in reverse: the practical experience of the AQUA project](#)

 [M. J. Escalona, J. J. Gutiérrez, L. Rodríguez-Catalán, A. Guevara](#)

June 2009

EATIS '09: Proceedings of the 2009 Euro American Conference on New Opportunities to increase Digital Citizenship

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (1.22 MB)


Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 18, Downloa

Model-Driven Web Engineering (MDWE) is a new paradigm which provides development. However, most experiments with MDWE towards the development of the implementation stages. However, in ...


Keywords: MDWE, model-driven engineering, web engineering, web quality

18 [UML2 must enable a family of languages](#)

 [Keith Duddy](#)

November 2002 **Communications of the ACM**, Volume 45 Issue 11




Publisher: ACM  [Request Permissions](#)

Full text available:  Html (15.82 KB),  Pdf (98.17 KB) Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 60, Downlo




UML2 needs to take advantage of new infrastructure to enable first-class superstructure language.

19 [On marrying ontological and metamodeling technical spaces](#)

-  [Fernando Silva Parreiras, Steffen Staab, Andreas Winter](#)
 September 2007 **ESEC-FSE '07**: Proceedings of the the 6th joint meeting of
 conference and the ACM SIGSOFT symposium on The four
Publisher: ACM  [Request Permissions](#)
 Full text available:  Pdf (285.58 KB) Additional Information: [full citation](#), [abs](#)
Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 97, Downloads

In software engineering, the use of models and metamodeling approach
 such as software design or software validation is an established practice
 formalized using expressive logic ...

Keywords: meta modeling, model driven engineering, ontology

- 20  [PRECISO: a reengineering process and a tool for database moderni](#)
[Ricardo P. del Castillo, Ignacio Garcia-Rodríguez, Ismael Caballero](#)
 March 2009 **SAC '09**: Proceedings of the 2009 ACM symposium on Applie
Publisher: ACM  [Request Permissions](#)
 Full text available:  Pdf (1.06 MB) Additional Information: [full citation](#), [abs](#)
Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 44, Downloads

A common trend in *Service Oriented Architecture* (SOA) is to consider IT
 services. This current approach is not only applied to new software deve
 maintenance of legacy ...

Keywords: ADM, MDA, SOA, relational databases, software modernisat

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